

FEB 11 2004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

OFFICIAL

<i>In re</i>	Dewanjee)	Docket No.: PU2108
)	
Serial No.:	10/064,721)	Group Art Unit: 1712
)	
Filed on:	08/09/2002)	Examiner: Buttner, David
)	
For:	A THERMOSETTING)	
	POLYURETHANE MATERIAL)	Due Date:
	FOR A GOLF BALL)	
)	

Commissioner for Patents
Alexandria, Virginia 22313-1450

DECLARATION OF PIJUSH DEWANJEE UNDER 37 CFR §1.132

Dear Sir:

I, Pijush Dewanjee, hereby declare the following:

1. I am a citizen of the United States, and I reside at 3746 Saddle Drive, Carlsbad, California 92008.
2. I am the inventor of the invention disclosed and claimed in U.S. Patent Application Number 10/063,979.
3. Since 1997, I have been employed by the Callaway Golf Company, 2180 Rutherford Road, Carlsbad, California, 92008
4. I have worked in the area of polyurethane chemistry for at least the last fifteen years.
5. The declaration is filed to provide evidence to traverse the rejections made in the October 29, 2003 Office Action that the claims of U.S. Patent Application Number 10/064,721 are anticipated or obvious in view of the prior art.


10/064,721

6. As shown in Exhibited A (Attached hereto), 4,4'-methylenebis-(2,6-diethyl)-aniline, has a melting point of 87 to 89 °C (188-192 °F). The use of only 4,4'-methylenebis-(2,6-diethyl)-aniline to cure a polyurethane prepolymer would require a temperature at or above the melting point of 4,4'-methylenebis-(2,6-diethyl)-aniline, which would result in the reaction proceeding too quickly (approximately 20 second gel time). The blending of 4,4'-methylenebis-(2,6-diethyl)-aniline with either N,N'-bis-alkyl-p-phenylenediamine, N,N'-dialkylamino-diphenylmethane with tetrapropoxylated ethylenediamine or an aliphatic diamine, allows the reaction to proceed at a gel time of 60-70 seconds since the blending lowers the melting temperature of 4,4'-methylenebis-(2,6-diethyl)-aniline.

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with knowledge that willful false statements are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Respectfully submitted,

Date: 2/11/04


Pijush Dewanjee